PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. T4088.CONT	SERIAL NO. 09/576,623
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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])

ARK	AA		Johri et al., Comparative Embryology of Angiosperms, Vol 1: pp. 1-4, 29-41, 84-94. 1992.
	AB		Asker and Jerling, Apomixis in Plants, pp. 49-80. 1992.
	AC		Carman et al., Comparative histology of cell walls during meiotic and apomeiotic megasporogenesis in two australasian *Elymus* L. species. Crop Sci. 31:1527-1532. 1991
	AD		Peel et al. Megasporocyte callose in apomictic buffelgrass, Kentucky bluegrass, *Pennisetum squamulatum* Fresen, *Tripsacum* L. and weeping lovegrass. Crop Sci. 37:724-732. 1997.
	AE		Naumova and Willemse, Ultrastrucutral characterization of apospory in *Panicum maximum*, Sex Plant Repord 8: 197-204. 1995
	AF		Naumova et al. Apomixis in plants: structural and functional aspects of diplospory in *Poa nemoralis* and *P. palustris*, Protoplasma 208:186-195. 1995.
ARK	AG		Sherwood. Genetic analysis of apomixis, in Savidan et al ed., The Flowering of Apomixis: From Mechanisms to Genetic Engineering, D.F.: CIMMYT, IRD, EC DG VI, FAIR. 2001.

EXAMINER [signature] **DATE CONSIDERED** 6/23/03

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])

ARZ	AH		Gustafsson Å. Apomixis in higher plants. III. Biotype and species formation. Lunds Universitets Årsskrift 43: 181-370. 1947.
	AI		Mogie M. The evolution of asexual reproduction in plants. London: Chapman and Hall. 1992.
	AJ		Carman JG. Asynchronous expression of duplicate genes in angiosperms may cause apomixis, bispory, tetraspory, and polyembryony. Biol J. Linnean Soc 61: 51-94. 1997.
	AK		Sherwood et al. Inheritance of apospory in buffelgrass, Crop Sci 34:1490-1494. 1994.
	AL		Leblanc et al. Detection of the apomictic mode of reproduction in maize-*Tripsacum* hybrids using maize RFLP markers, Theor Appl Genet 90: 1198-1203. 1995.
	AM		Carman JG, The evolution of gametophytic apomixis, In Batygina (ed) Embryology of Flowering Plants, Vol. 3, The Systems of Reproduction, Russian Acad Sci, St. Petersburg. 230-236. 2000.
ARV	AN		Grimanelli et al, Mapping diplosporous apomixis in tetraploid *Tripsacum*: one gene or several genes, Heredity 80:33-39. 1998.

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AK IC	AO		Ozias-Akins et al. Tight clustering and hemizygosity of apomixis-linked molecular markers in *Pennisetum squamulatum* implies genetic control of apospory by a divergent locus that may have no allelic form in sexual genotypes, Proc Natl Acad Sci 95: 5127-5132.
	AP		Ramula et al. Apomixis for crop improvement, Protoplasma 208: 196-205 (see Abstract and Conclusions). 1999.
	AQ		Jefferson and Bicknell, The potential impacts of apomixis: a molecular genetics approach, in *The Impact of Plant Molecular Genetics*, Birkhauser, Boston, pp. 88-89, 94, 98). 1996.
	AR		Kultunow et al. Apomixis: molecular strategies for the generation of genetically identical seeds without fertilization, Plant Physiol 108: 1345-1352. 1995.
	AS		Asker and Jerling, Apomixis in Plants, p. 114. 1992.
	AT		Asker and Jerling, Apomixis in Plants, p. 81-107, 241-283. 1992.
AK IC	AU		Bashaw, Apomixis and its Application in Crop Improvement, in Fehr (ed) *Hybridization of Crop Plants*, pp. 45-63. 1980.

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])

ARK	AV		Baum et al. Wide Crosses in Cereals. Annu. Rev. Plant Physiol. Plant Mol. Biol., 43:117-43. 1992.
	AW		Ozias-Akins, Characterization of the Genomic Region Associated with the Transmission of Apomixis in *Pennisetum* and *Cenchrus*, presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.
	AX		Carman, Evolution of Apomixis in *Antennaria* (Asteraceae): A Model Involving Hybrid Origins and Karyotypic Stabilization, presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.
	AY		Sharbel et al. Genome-Wide Genetic Variability and DNA Sequence Divergence along an Aneuploid Chromosome Associated with Apomixis in the *Arabis holboellii* Complex, presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.
	AZ		Barcaccia et al. Comparison between isozyme and RAPD analyses to screen aberrant plants in *Poa pratensis* L. progenies, in Apomixis Newsletter, 7:29-30. 1994.
	BA		Evans et al. Environmental Control of Reproduction in *Themeda Australis*, Aust. J. Bot., 17:375-89. 1969.
ARK	BB		Hussey et al. Influence of photoperiod on the frequency of sexual embryo sacs in facultative apomictic buffelgrass, Euphytica 54:141-145. 1991.

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])

Art	BC		Liu et al. Hybrids and backcross progenies between wheat (*Triticum aestivum* L.) And apomictic Australian wheatgrass [*Elymus rectisetus* (Nees in Lehm.) A. Löve & Connor]: karyotypic and genomic analyses, Theor Appl Genet, 89:599-605. 1994.
	BD		Mogie, The Evolution of Asexual Reproduction in Plants, 139-196. 1992.
	BE		Poehlman, Breeding Field Crops, 3rd Ed., pp. 164-165, 332-339. 1987.
	BF		Salisbury et al. Plant Physiology, 4th Ed., pp. 504-514. 1992.
	BG		Torabinejad et al. Morphology and genome analyses of interspecific hybrids of *Elymus scabrus*, Génome, 29:150-155. 1987.
Art	BH		Zenkteler. *In Vitro* Fertilization and Wide Hybridization in Higher Plants, Critical Reviews in Plant Sciences, 9: 267-279. 1990.

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